

ABSTRACT OF THE DISCLOSURE

A method of operation for wireless transmission of data to one or more destination devices across a network that includes a plurality of access points disposed about a building, each access point having a first transmission range of maximum bandwidth and a second transmission range of signal interference, the access points being arranged in a topology wherein each access point is spaced-apart from a nearest neighboring access point by a first distance less than the first transmission range. The data is transmitted by a first access point; then it is repeated by a series of additional access points that extends across the topology. Re-transmission of the data occurs in a manner wherein any pair of access points transmitting on the same channel is separated by a distance greater than the second transmission range. It is emphasized that this abstract is provided to comply with the rules requiring an abstract that will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims. 37 CFR 1.72(b).